# BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2022-23/OW/WORK_INDENT54319

## MODIFIED SCHEDULE - B

**No.EE/BTP/BBMP/E-PMT/18/2022-23, Date: 04-11-2022**

**Name of Work:Improvements to Roads, Drains and Construction of Culverts at Hoodi Layout and Surrounding in ward no. 09**

| Sl. No. | Approved Qty. | Description | Unit | Approved Tender Rates of A S MANI ( S S ROAD DEVOLOPERS ) | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | 211.68 | Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work | Cum | 175.96 | Rupees One Hundred Seventy Five and Ninety Six Paise Only |
| 2 | 42.47 | Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications | Cum | 5254.08 | Rupees Five Thousand Two Hundred Fifty Four and Eight Paise Only |
| 3 | 92.81 | Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) | Cum | 5928.01 | Rupees Five Thousand Nine Hundred Twenty Eight and One Paise Only |
| 4 | 4.98 | Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. | Tonne | 87192.82 | Rupees Eighty Seven Thousand One Hundred Ninety Two and |
| 5 | 1.80 | Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 (M15) | Cum | 5562.48 | Rupees Five Thousand Five Hundred Sixty Two and Forty Eight Paise Only |
| 6 | 251.73 | Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete | Sqm | 2009.82 | Rupees Two Thousand Nine and Eighty Two Paise Only |
| 7 | 6.00 | Providing and Fixing pre cast Covering Slab 250mm thick made out of CC 1:2:4 and jelly 25mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc | Sqm | 4659.48 | Rupees Four Thousand Six Hundred Fifty Nine and Forty Eight Paise Only |
| 8 | 235.80 | Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density | Cum | 2264.72 | Rupees Two Thousand Two Hundred Sixty Four and Seventy Two Paise Only |



E.E. (BTP. DIV)

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|---|---|---|---|---|---|
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| 9 | 943.20 | Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means | Cum | 39.73 | Rupees Thirty Nine and Seventy Three Paise Only |
| 10 | 47.16 | Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification | Cum | 8645.49 | Rupees Eight Thousand Six Hundred Forty Five and Forty Nine Paise Only |
| 11 | 2305.50 | Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom | Sqm | 13.24 | Rupees Thirteen and Twenty Four Paise Only |
| | 1181.25 | Qty upto 125% | Sqm | 13.24 | Rupees Thirteen and Twenty Four Paise Only |
| | 1124.25 | Qty Above 125% | Sqm | 13.24 | Rupees Thirteen and Twenty Four Paise Only |
| 12 | 92.22 | Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification | Cum | 10291.53 | Rupees Ten Thousand Two Hundred Ninety One and Fifty Three Paise Only |
| | 47.25 | Qty upto 125% | | 10038.01 | Rupees Ten Thousand Thirty Eight and One Paise Only |
| | 44.97 | Qty Above 125% | | 10291.53 | Rupees Ten Thousand Two Hundred Ninety One and Fifty Three Paise Only |
| 13 | 85.60 | Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification | Sqm | 452.19 | Rupees Four Hundred Fifty Two and Nineteen Paise Only |
| | 52.50 | Qty upto 125% | Sqm | 452.19 | Rupees Four Hundred Fifty Two and Nineteen Paise Only |
| | 33.10 | Qty Above 125% | Sqm | 452.19 | Rupees Four Hundred Fifty Two and Nineteen Paise Only |
| 14 | 381.81 | Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum | Cum | 70.00 | Rupees Seventy Only |
| 15 | 4789.42 | Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km | Km | 10.32 | Rupees Ten and Thirty Two Paise Only |
| E1 | 639.00 | Removing and restting of footpath slab (Approved rate) | Sqm | 202.10 | Rupees Two Hundred Two and Ten Paise Only |

E.E. (BTP. DIV)

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| E2 | 450.30 | Earth work in Surface excavation by mechincal means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specification,including setting out, shoring strutting,barricading,caution lights, removal of stumps and other deleterious matter including off or leveling the excavated surfaces disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5m including cost of labour,tools usage of machinery & other appurtenances required to complete the work | Cum | 61.49 | Rupees Sixty One and Forty Nine Paise Only |

Signature of the Contractor

Executive Engineer
Byaraayanapura Division
BBMP, Bangalore - 92

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92